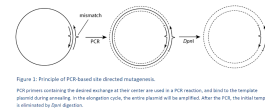


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Site-directed mutagenesis

DOI

<https://dx.doi.org/10.17504/protocols.io.behgjb3w>



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Protocol status: Working

We use this protocol and it's working

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Last Modified: April 01, 2020

Protocol Integer ID: 35080

Keywords: site-directed mutagenesis, mutagenesis, PCR, DpnI, generation of multiple mutation, directed mutagenesis site, directed mutagenesi, multiple mutation, mutagenesis site, mutation, small mutation, mutation in the sequence, plasmid, protein variant, plasmid of interest,

Abstract

Site-directed mutagenesis (SDM) as described here is used to introduce a mutation in the sequence of a plasmid of interest by PCR-based methods. Several different approaches have been previously reported, and also the generation of multiple mutations in a single step is possible. This protocol deals with the simplest version of SDM for production of a small mutation at a single position of a plasmid, *e.g.* for generation of a protein variant or elimination of a restriction site.

Attachments



Site DIRECTED

MUTAGE...

474KB

